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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/754,796 | 01/04/2001 | Krystyna Roslan-Szulc | PK1201T1 | 3261 |

7590 03/20/2003
Horst M. Kasper
13 Forest Drive
Warren, NJ 07059

EXAMINER

WILSON, JOHN J

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

3732

DATE MAILED: 03/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

N.K.

Office Action Summary

| | | | |
|-------------------------------|--|--|--|
| Application No. 09/754,796 | | Applicant(s) ROSLAN-SZULC, KRYSTYNA | |
| Examiner John J. Wilson | | Art Unit 3732 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 January 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 3-5 rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In claim 3, line 5, "a short edge" and two sheets joined sealingly at corresponding edges was not disclosed in the original disclosure and constitutes improper new matter. In claim 11, "5 to 10 centimeter" was not disclosed in the original disclosure and constitutes improper new matter. The original disclosure states only "5 to 1".

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Eisner et al (4728290) in view of Stearns (6095811) and Curry ((1742061). Eisner shows an elastic protective covering 10 made of a thermoshrinkable material, column 9, lines 15-

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25. The specific tolerance used is an obvious matter of choice in the degree of a known parameter to one of ordinary skill in the art looking to find the best match for the intended instrument. Further the tolerance that the sleeve may make with an inferentially claimed instrument is an obvious matter of choice in the use of the sleeve with an inferentially claimed element. Eisner does not show an elliptical shape. Stearns shows a non-round cross section, see Fig. 2. It would be obvious to one of ordinary skill in the art to modify Eisner to include a non-round shape as shown by Stearns in order to better fit the intended instrument. The specific shape used is an obvious matter of choice in shape to the skilled artisan looking to best match the shape of the intended instrument. Further, the shape before application is a pre step and is not given patentable weight. Eisner shows a tab, or wing, 19 located at the open end to assist in removing the cover, however, does not show hinged ends. Curry shows two hinged ends 9, 10, see Fig. 5. It would be further obvious to one of ordinary skill in the art to modify the above combination to include two hinged ends as shown by Curry in order to make use of known ways of attaching wings to protective covers in the art.

Claims 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fife (5480302) in view of Cooper et al () and Curry (1742061). Fife shows a heat shrinkable protective covering 71, column 3, lines 49-51, having a wing, see the "proximal pull tab" in Fig. 10. Fife does not show an end in the shape of a semi-sphere. Cooper shows a rounded end, Fig. 2a. It would be obvious to one of ordinary skill in the art to modify Fife to include a rounded end as shown by Cooper in order to make use of well known

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shapes for protective covers. The above combination does not show two hinged wings. Curry shows two hinged ends 9, 10, see Fig. 5. It would be further obvious to one of ordinary skill in the art to modify the above combination to include two hinged ends as shown by Curry in order to better cover the instrument. As to claim 3, Fife shows a flattened sheet in Fig. 4. The process of making is an obvious matter of choice in process steps to the skilled artisan. The specific shape of the cover is an obvious matter of choice in a non-critical shape of a known structure to one of ordinary skill in the art.

Claims 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fife. Fife shows employing a tubular protective covering 71 having a wing, see the "proximal pull tab" in Fig. 10, placing a dental instrument 112 into the cover and removing by pulling on the tab. To pull the tab in the direction of the body of the cover to remove would be an obvious matter of choice in the direction of pulling to one of ordinary skill in the art looking to remove a covering. The number of wings used is an obvious matter of choice in the number of a known element used to the skilled artisan.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Fife as applied to claim 6 above, and further in view of Eisner et al. Fife does not show rolling the cover when removing. Eisner teaches turning the cover inside out when removing by pulling on wing 18, column 9, lines 43-55. It would be obvious to one of ordinary skill in the art to modify Fife to include turning the cover inside out as shown by Eisner in

order to protect the user from contamination. To roll the cover is an obvious matter of choice in the manner of turning the cover inside out to one of ordinary skill in the art.

Claims 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fife (5480302) as applied to claim 8 above and further in view of Holt et al (5070597). Fife teaches heating to shrink fit the cover, however, does not show using a flame. Holt teaches that it is known to heat by use of a flame, column 14, lines 30-33. It would be obvious to one of ordinary skill in the art to modify Fife to include using a flame to heat as shown by Holt in order to make use of known ways of heat shrinking covers. To turn the instrument while heating is an obvious step to one of ordinary skill in the art in order to evenly shrink the cover. As to claim 11, the distance from the flame is an obvious matter of choice in the degree of a known parameter to the skilled artisan wishing to apply the desired heat.

Claims 12-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fife (5480302) in view of Holt et al (5070597) as applied to claim 10 above and further in view of Eisner et al (4728290). The above combination does not show cutting a hole for the bur. Eisner teaches cutting a hole for the bur, column 9, lines 15-18. It would be obvious to one of ordinary skill in the art to modify the above combination to include cutting a hole as shown by Eisner in order to be able to use the instrument. As to claim 13, Eisner also teaches using water spray. It would be obvious to also cut a hole for such spray because it is the only logical way to use the shown device. As to claims 15

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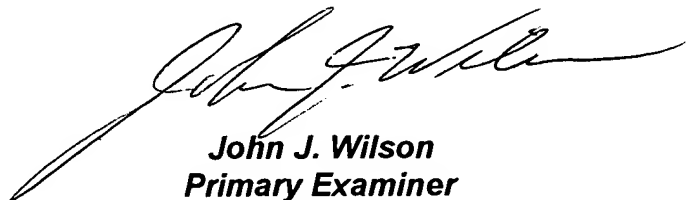
and 16, Eisner also teaches disinfecting the cover after removal and placing it in a container, column 9, lines 53-60. Placing medical disposal material for burning is well known in the art and would be obvious to the skilled artisan in order to safely dispose of the material.

Response to Arguments

Applicant states in a second supplemental amendment received January 6, 2003 that claims 1-9 continue to be in the case, however, in the preliminary amendment received December 23, 2002, claim 2 was canceled. As such, claim 2 has been canceled. The remarks regarding the new matter rejections are held to be responded to above. The specific shape of the cover before application is held to not be critical. The location of the hinged wings is responded to in the modified rejection above.

Conclusion

Any inquiry concerning this communication should be directed to John Wilson at telephone number (703) 308-2699.



**John J. Wilson
Primary Examiner
Art Unit 3732**

jjw
March 19, 2003
Fax (703) 308-2708